



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101803,737
Source: IFWD
Date Processed by STIC: 3/25/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE SEE BELOW FOR ADDRESS.

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10803737

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ Wrapped Nucleics
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 ☐ Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 ☐ Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 ☐ Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 ☐ Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 ☐ PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 ☐ Skipped Sequences
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 ☐ Skipped Sequences
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 ☐ Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 ☐ Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ☒ Use of <220>

Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 ☐ PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 ☐ Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

RAW SEQUENCE LISTING

DATE: 03/25/2004

PATENT APPLICATION: US/10/803,737

TIME: 15:44:19

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\03252004\J803737.raw

3 <110> APPLICANT: Liew, Choong-Chin
 5 <120> TITLE OF INVENTION: Methods for the Detection of Brain-Specific Gene Transcripts
 in Blood and

6 Uses Thereof.

8 <130> FILE REFERENCE: 4231/2053

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/803,737

C--> 10 <141> CURRENT FILING DATE: 2004-03-18

10 <150> PRIOR APPLICATION NUMBER: 10/268,730

11 <151> PRIOR FILING DATE: 2002-10-09

13 <150> PRIOR APPLICATION NUMBER: 09/477,148

14 <151> PRIOR FILING DATE: 2000-01-04

16 <150> PRIOR APPLICATION NUMBER: 60/115,125

17 <151> PRIOR FILING DATE: 1999-01-06

19 <160> NUMBER OF SEQ ID NOS: 10

21 <170> SOFTWARE: PatentIn version 3.1

23 <210> SEQ ID NO: 1

24 <211> LENGTH: 18

25 <212> TYPE: DNA

26 <213> ORGANISM: Artificial

28 <220> FEATURE:

29 <223> OTHER INFORMATION: primer_bind

31 <400> SEQUENCE: 1

32 gccctctggg gacctgac

35 <210> SEQ ID NO: 2

36 <211> LENGTH: 18

37 <212> TYPE: DNA

38 <213> ORGANISM: Artificial

40 <220> FEATURE:

41 <223> OTHER INFORMATION: primer_bind

43 <400> SEQUENCE: 2

44 cccacctgca ggtcctct

47 <210> SEQ ID NO: 3

48 <211> LENGTH: 24

49 <212> TYPE: DNA

50 <213> ORGANISM: Artificial

52 <220> FEATURE:

53 <223> OTHER INFORMATION: primer_bind

55 <400> SEQUENCE: 3

56 gctggaacgt agagactccc tgct

59 <210> SEQ ID NO: 4

60 <211> LENGTH: 24

61 <212> TYPE: DNA

62 <213> ORGANISM: Artificial

64 <220> FEATURE:

Does Not Comply
 Corrected Diskette Needed

(pg. 1-2)

-pls explain source of genetic material.

-Invalid <223> response.

← move this response to <221>

-Pls explain source of genetic

-Invalid <223> response, material.

move this response to <221>

Pls see

item #

11 on

error

summary sheet.

RAW SEQUENCE LISTING

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DATE: 03/25/2004

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Input Set : A:\PTO.FG.txt

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Same errors

65 <223> OTHER INFORMATION: primer_bind

67 <400> SEQUENCE: 4

68 ggatccttcc agatcatcca cttg

71 <210> SEQ ID NO: 5

72 <211> LENGTH: 20

73 <212> TYPE: DNA

74 <213> ORGANISM: Artificial

76 <220> FEATURE:

77 <223> OTHER INFORMATION: primer_bind

79 <400> SEQUENCE: 5

80 ggatttcaag aatttgctgg

83 <210> SEQ ID NO: 6

84 <211> LENGTH: 20

85 <212> TYPE: DNA

86 <213> ORGANISM: Artificial

88 <220> FEATURE:

89 <223> OTHER INFORMATION: primer_bind

91 <400> SEQUENCE: 6

92 gcagatcgat cagaggagtc

95 <210> SEQ ID NO: 7

96 <211> LENGTH: 20

97 <212> TYPE: DNA

98 <213> ORGANISM: Artificial

100 <220> FEATURE:

101 <223> OTHER INFORMATION: primer_bind

103 <400> SEQUENCE: 7

104 ggatgcttca tgtgaacgtg

107 <210> SEQ ID NO: 8

108 <211> LENGTH: 19

109 <212> TYPE: DNA

110 <213> ORGANISM: Artificial

112 <220> FEATURE:

113 <223> OTHER INFORMATION: primer_bind

115 <400> SEQUENCE: 8

116 tcattcacac cagcacatg

119 <210> SEQ ID NO: 9

120 <211> LENGTH: 21

121 <212> TYPE: DNA

122 <213> ORGANISM: Artificial

124 <220> FEATURE:

125 <223> OTHER INFORMATION: primer_bind

127 <400> SEQUENCE: 9

128 cacargagrc arggtcaacg a

131 <210> SEQ ID NO: 10

132 <211> LENGTH: 22

133 <212> TYPE: DNA

134 <213> ORGANISM: Artificial

136 <220> FEATURE:

137 <223> OTHER INFORMATION: primer_bind

24

20

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21

RAW SEQUENCE LISTING

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Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\03252004\J803737.raw

139 <400> SEQUENCE: 10

140 ggattaaaat gaagcaccca ga

22

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/803,737

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Input Set : A:\PTO.FG.txt
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/803,737

DATE: 03/25/2004

TIME: 15:44:20

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\03252004\J803737.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date